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U. S. Department of Agriculture

DAHLIAS
AND
GLADIOLI

CATALOGUE 1917



RICHARD BUYS
PATERSON, NEW JERSEY

DAHLIAS

and

GLADIOLI

of the

Better Varieties Only

Dahlias will be supplied in

Pot Roots, Field Grown Roots and Pot Plants

RICHARD BUYS

Paterson, N. J.

DAHLIAS

Classification of Dahlias:

Cactus: Petals are long, twisted, and terminating in a point. Some petals are straight, others incurved.

Peony-flowered: The flowers are large, usually semi-double.

Decorative: Petals are long, broad, flat and nearly straight.

Show: The flowers are large, round, quilled and well formed.

Location:

It is better to plant in an open sunny location, although an occasionally shaded spot will give equally good results.

Soil:

Any soil will do if you will follow instructions noted below.

Preparation:

Dig the ground ten to twelve inches deep in the Fall of the year, if possible. This is not absolutely necessary but gives excellent results. As soon as the ground can be worked in the Spring dig ten to twelve inches deep as often as you can, the oftener the better, as by doing this you thoroughly incorporate the fertilizer with the soil and your ground will be better pulverized.

Fertilizer:

Immediately after digging your ground in the Fall place over same well rotted cow manure at the rate of one hundred pounds to one hundred square feet of ground surface. If the digging is put off till Spring, put over where you intend to

dig cow manure as mentioned above, and over this for each one hundred square feet of ground surface, one pound of potash, two pounds of phosphate and fifteen pounds of air-slacked lime, distributing evenly, and thoroughly dig in as outlined under “Preparation.” Use the cow manure every two years, the lime every four years, and the other three every year.

Planting:

Any time from May 5th to July 1st will be all right. Only plant a single bulb and never the whole clump. Dig hole ten to twelve inches deep and plant the bulb flat with the eye, or sprout, pointing upwards, on well pulverized soil that has been replaced in the hole so that the bulb will be five or six inches from the top of the ground. This will give loose soil for the root action. Firm the soil well around the bulb, but only slightly press the soil above it. Give growing space of from two to four feet each way for each plant. Never allow more than one stalk to grow to each bulb. When a plant first appears above the ground take a stiff piece of cardboard four inches high and encircle the plant as near to it as possible, pressing board about one inch in the soil. for by doing this it will prevent loss of the plant through being destroyed by the cut worm.

Cultivation:

This is a very important matter. Keep the soil well stirred with the rake. By doing this no weeds can grow and soil will not crust. Do this the depth of the teeth at least once a week if possible, and a slight stirring after each rain. When the buds are about to break open only slightly stir, otherwise by going deep you will break the flow-

ering roots which grow near the surface of the ground at that time.

Staking:

Before planting the bulb place about three inches back of it a stake which will be about four feet out of the ground after firming it in the soil. When the plant is one foot high tie the stalk to this stake with a piece of cord or other material that will not cut the plant, doing this every extra foot of growth, as by so doing your plant will be protected from being broken by winds and heavy rain falls.

Trimming:

To get large flowers this is absolutely necessary. When the plant has attained a height of say two to four feet, trim out, cutting off all branches up to one foot from the ground and cutting off near the stalk the weaker branches and others excepting six of the strongest, care being used not to leave the branches all on one side of the stalk or too near each other.

Disbudding:

This must also be done to get large flowers. After you have decided on the branches you will keep mentioned under "Trimming", you will notice all along the branches leaf growth. Where the leaf growth starts from the branch is where the buds appear. As a general rule three buds appear at the same time side by side, the strongest one you retain, cutting or breaking off the others, and doing this here and there all along the branch.

Mulching:

When the buds are of good size spread over every part of the ground and between the plants a layer of about three inches of stable manure. It is

better to thoroughly wet the ground before placing on as mulching is done to keep moisture in the ground as well as to protect the small flowering roots from being destroyed by the hot sun or being broken by walking on them.

Watering:

Dahlias like water, but this will not be necessary if you cultivate thoroughly. However, when you water soak the ground well, otherwise the roots will come to the surface and probably be destroyed.

Manure Water:

Take any clean barrel (not oil or brine), that will hold water and fill about one-quarter full of sheep or well rotted cow manure and fill with water. Stir night and morning for about a week. If your flowers begin to grow smaller during the year it is because there is not enough food in the soil, at which time take about a quart or two of this water and apply to each plant. When you have used the water in the barrel again fill with water and stir as before. Use only after a heavy rain or a thorough wetting of the ground.

Cutting and Keeping of Bloom:

Cut the flowers in the early part of the day or at night, for if cut in the hot sun they will soon wilt. To keep bloom for a longer time than could be had ordinarily have a vessel handy containing water as hot as the hand can stand it, and as you cut the flowers plunge the stems nearly the whole length in this water, care being taken that the leaves or flowers do not touch the hot water, and leaving in the water until it cools.

Harvesting and Storing:

After the foliage has been blackened by frost cut the stalk to within six inches of the ground. Dig up carefully on a sunny day in the early morning, and place the clump so that it rests on the cut stalk, the bottom pointing upward so that the sun can cure the bulbs. This must be done on a day that the bulbs will not be touched by frost. Before evening store in a dry, cool place where the thermometer will range from 40 to 55 degrees and sprinkle with air-slacked lime.

Division of Clumps:

If your clumps are not showing eyes, or shoots, the latter part of February put same in a warm place and cover with newspaper. Dampen the paper down and keep damp. The shoots appear where the bulb is attached to the stalk, and by taking a sharp knife separate the bulb with the sprout from the stalk, after which sprinkle the cut part of the bulb with air-slacked lime to stop bleeding.

DAHLIAS

25c EACH, \$2.50 DOZEN

CACTUS VARIETIES:

1. Emu:

Dark Crimson, shading to rose. Flowers of good size and of erect habit.

2. Golden Crown:

Pure yellow, the flowers being of very good size. The plant blooms freely and is a very satisfactory variety.

3. Golden Eagle:

Bright yellow with suffusion of rose and fawn. Flowers are of good size on long stems.

4. Golden Wave:

Color, deep, pure yellow, flower of very good

25c EACH, \$2.50 DOZEN

size. The plants are splendid, robust, healthy growers.

5. Gwendolin Tucker:

An exceptional variety, the color of which is a pale flesh pink. Its habit is excellent, producing its large flowers freely.

6. H. L. Brousson:

Center white, shading to deep rich rose. Flowers large. This variety should be given a trial.

7. Irresistible:

Plants hard wooded, the flower stems easily carrying their large flowers. Color, yellow suffusing with rose.

8. Johannesburg:

A large flowering variety, producing its bright, gold flowers in abundance on rigid, upright stems.

9. Jupiter:

An excellent fancy variety of large size, the ground color being pink with distinct yellow base and the whole splashed and striped with bright crimson.

10. Monarch:

Bronzy red, yellow center. It is a large, bold, distinct flower, of erect habit.

11. Prima Donna:

Flowers are large and pretty, having good stems. Color creamy white in center, shading off to a lovely pink.

12. Queen of Hearts:

Pure white shading to lemon yellow at base of petals. Flowers large, stems long and a free bloomer. Very pretty.

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13. Snowdon:

Pure white, large, bold, massive flowers. A very free bloomer on fine stems.

14. The Earl:

Rich ruby crimson with silvery reverse. Flowers incurving and of good size. Stems long and a good bloomer.

15. Uranus:

A beautiful, large flower of the finest incurved form. Color white, thickly speckled and striped with vermillion scarlet. While an excellent flower in almost every way, for exhibition there would be a slight drawback owing to its pendulant stems.

PEONY-FLOWERED VARIETIES:

16. Engineer:

Beautiful bright lake, suffused yellow. Flowers of good size on long wiry stems.

17. Liberty:

Scarlet crimson. Flowers large and of fine habit. A beautiful flower.

18. Rembrandt:

An apple blossom pink variety, the bloom of which is large and freely produced. The flower will not disappoint you.

19. Selma:

Rosy pink variety of large size, producing blooms very freely on strong, long, erect stems well above the foliage.

20. South Pole:

A large white flower of excellent formation. The plant is of good habit and the flowers are produced on excellent stems.

25c EACH, \$2.50 DOZEN

DECORATIVE VARIETIES:

21. Berch Von Heemstede:

A large yellow variety that produced flowers in abundance on strong, erect stems well above the foliage.

22. Golden West:

Bright canary yellow. The flowers are large and freely produced on long, strong stems.

23. Hortulanus Witte:

A pure white variety of good size and excellent form, producing its lovely flowers on fine stems, well above the foliage.

24. Jacks Discovery:

White mottled violet rose. The flowers are large. The color and size of this variety makes it very popular.

25. Jeanne Charmet:

Violet rose on lighter ground. Flowers large, stems long and a very free bloomer.

26. Mad. Victor Vassier:

Clear sulphur yellow with no green center. Flowers large. An excellent yellow.

27. Royal Purple:

Purple flowers that are very large, stems long and a good bloomer.

28. Sebastopol:

One of the finest of recent introductions. Flowers rich, bright orange, of good substance, borne on long, stiff stems. The flowers are large.

30c EACH, \$3.00 DOZEN.

CACTUS VARIETIES:

29. Mary Purrier:

A very robust grower, quite erect, requiring little or no trimming. Flowers are of the best quality, of large size and a pretty scarlet color.

30c EACH, \$3.00 DOZEN

30. Mrs. Henry Randle:

A model flower of very good size, being deep and prettily incurved. Color pale cream, quickly changing to a lovely rosy tint.

31. Mrs. Stephens:

Primrose yellow of a very beautiful color. Flowers large, stems long and a free bloomer.

32. Richard Box:

Clear, light yellow, the form being perfectly incurved. The flowers are large, having very long stems, same being produced freely and having perfect form.

PEONY-FLOWERED VARIETIES:**33. Dr. Peary:**

Deep mahogany flower of large size and good form. The habit is good and the variety very popular.

34. Florence Cook:

A large pink variety the habit of which is the best. The freedom of bloom produced on long stems makes it a desirable variety.

35. Van Dyck:

A very large variety of the beautiful color of salmon shaded heliotrope. The plant is robust and the flowers are produced on long stems.

35c EACH, \$3.50 DOZEN.

CACTUS VARIETIES:**36. Brisbane:**

Flowers large, of a beautiful scarlet color. Freely produced on long, erect stems.

37. Dr. Roy Appleton:

Flowers of very good size, the color being light yellow, deepening to light salmon.

35c EACH, \$3.50 DOZEN

38. John Riding:

For exhibition it is among the finest, its exceptional size, perfect form, great depth and deep crimson color, placing it with the best.

39. Lady Swaythling:

This beautiful large flower is a very good companion of Gwendolin Tucker, it also being a flower of very great merit. Color a lovely shade of salmon pink.

40. Miss Stredwick:

One of the prettiest Cactus Dahlias, the color being soft yellow at base, quickly changing to a lovely pink. The flowers are large and are borne on long stems.

41. Mrs. Brandt:

A bold, massive flower, having good habits, as well as the grand combination color of salmon buff shading to a yellow center.

42. Mrs. Douglas Fleming:

One of the finest white Dahlias. The plants are particularly pleasing owing to its healthy growth and its large flowers which are freely produced during the entire season.

43. Peerless:

A very large, refined flower, which is freely produced on excellent stems. Color crimson shaded maroon.

PEONY-FLOWERED VARIETIES:

44. Avalanche:

One of the best pure whites. The flowers are very large. The plant produces its flowers freely on long, strong stems. At exhibitions it is very often seen.

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45. Bella Donna:

A large, free, erect variety of the finest habit. The color is white suffused rose. It is a very beautiful flower.

46. Eleanor:

This variety is also good, its large, rosy pink flowers being freely produced on long, erect stems.

47. Geisha:

The popularity of this flower is of the greatest. The color is a rich combination of scarlet and gold. The flowers are large and the stems are long.

48. Glory of Nijkerk:

A very large purple flower, the plants of which are robust and require very little trimming. The stems are strong and erect.

49. Holman Hunt:

One of the best dark varieties, the color being crimson shaded scarlet. The plant is robust, the flowers large and the stems long.

50. Mont Blanc:

Pure white. Flowers very large on good stems. An exhibition variety of the highest quality.

51. Norah Lindsay:

A beautiful large variety of a dove color suffused pink with mauve reverse. The plant is vigorous and produces its very large flowers on very long stems.

52. Reynolds:

A crimson scarlet flower of large size. It is a very free bloomer and would suggest that you add it to your list.

53. Rubens

A large pink shaded variety that is giving

35c EACH, \$3.50 DOZEN

satisfaction. The plant is robust and the flower very good.

54. Titian:

A beautiful petunia shaded flower of large size. The plant is strong, producing its flowers on long stems.

DECORATIVE VARIETIES:

55. Brentwood Yellow:

A very large yellow variety of the finest possible habit. It is a free bloomer, the stems of which are long and strong.

56. Dorothy Vasey:

Shrimp pink flowers of large size, petals fluted and doubled and the habit of the plant is good.

57. Hortulanus Fiet:

Shrimp pink. This is one of the largest of the Decorative class. At exhibitions it is often seen, as it has size, stem and color all to advantage.

58. Le Colosse:

A red flower of huge size, double and very erect. The plant is robust and the variety all-in-all one that can be highly recommended.

59. Leo XIII:

The popularity of this flower due to its large yellow bloom freely produced on long, strong stems need no further comment here. Would recommend a trial.

60. Manitou:

Yellow overlaid bronze. The flowers are large and the color beautiful. The plant is robust but the stem is not long.

SHOW VARIETIES:

61. W. W. Rawson:

White overlaid with delicate lavender, tinted deeper at the tips. The flowers are large and the

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35c EACH, \$3.50 DOZEN

stems long. The popularity of this flower is well known.

50c EACH, \$5.00 DOZEN.

CACTUS VARIETIES:

62. Albatross:

A splendid white, the florets of which are long and pointed, making it a flower of large size and adapted for exhibition purposes.

63. Basilisk:

The pretty orange scarlet color of this variety, together with its very large, immense florets, makes it an exhibition variety of the finest quality, and should prove in every way satisfactory.

64. Bodeka:

This is a very large, bold, flower, with beautiful color combination of pink suffusing to white center. It is one of the best of the later introductions.

65. Celestial:

A large exhibition variety, the color rose pink with cream center, habit good and quality the best.

66. Dorothy Hawes:

The flowers are of very large size and marvelous depth. Color of this wonderful flower is a beautiful shade of clear rosy purple.

67. Empire:

Deep crimson shaded scarlet. Fine, large, bold flower on rigid upright stems. Free bloomer and fine for exhibition.

68. Esther:

This beautiful large flower is greatly admired. The color is soft silvery rose, and the flowers are freely produced on long stems.

50c EACH, \$5.00 DOZEN

69. Fascination:

A beauty, the flowers being of great size with long, incurving florets. Color, pure white in the center, gradually deepening till a soft clear pink is reached towards the tips of florets. It has a capital habit, producing flowers freely.

70. Flamingo:

This large, fine exhibition variety, with its very striking color of scarlet flame, and the number of flowers produced on such good stems is the reason for its great popularity. This is the new variety of this name and not the one so often seen in various catalogues.

71. F. W. Fellows:

This variety produces large flowers with surprising freedom. The plants have an excellent style of growth, the flower stems being particularly wiry. Color bright orange scarlet throughout.

72. Kalif:

Scarlet, well formed flowers of massive size, having stems that are stout and strong. The plant is of exceptionally fine habit, producing its very large flowers with the greatest of freedom.

73. Narcissus:

A grand addition to the exhibition class. Its beautiful color of pale primrose tipped white together with the large size of the flower and excellent habit of the plant, is the reason for its being grown so freely.

74. Pierrot:

An unique and striking variety, the color being deep amber, boldly tipped with pure white. The flowers are exceptionally large. The plants

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50c EACH, \$5.00 DOZEN

are of splendid habit, and would advise that by all means you give this variety a trial.

75. Prince Arthur:

Rich crimson scarlet. The blooms are of very good size, freely produced on long, erect stems. A very handsome variety.

76. Reliance:

Brownish crimson without shading. The flowers are large, slightly incurving and the blooms are carried erect on long, rigid stems.

77. Seagull:

The best exhibition bi-color, flowers white with distinct crimson edge. The flowers are of good size of incurving formation.

78. Sovereignty:

An exceptional large flower. The plants are strong growers, and produce a long succession of extraordinary large flowers. Color pure yellow.

PEONY-FLOWERED VARIETIES:

79. Attraction:

Large, elegant flowers of a clear lilac rose color, producing its immense bloom on long, strong stems. It is an exhibition flower of the highest merit.

80. Beacon:

One of the brightest flowers grown. It is a beautiful scarlet color attracting immediate attention. This together with its very good size, excellent stems and grand habit is bound to make it very popular.

81. Bianca:

Lovely pink lavender color. The flowers are large and are freely produced on long stems.

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50c EACH, \$5.00 DOZEN

82. Juliet:

A very fine, large flower, its color being salmon buff suffused yellow. The flowers are very pretty and carried well.

83. Naomi:

A flower of very good size, the plant being of the best habit. The rose shaded crimson flowers being freely produced on long stems.

84. Toreador:

A very bright and attractive variety of large size. The color is scarlet. The plant is vigorous and the stems long.

DECORATIVE VARIETIES:

85. Mrs. J. M. Goodrich:

Free flowering variety, the color being a beautiful salmon pink, each petal tipped primrose yellow.

SHOW VARIETIES:

86. Dreer's Yellow:

Clear yellow. Flowers are large and stems long. It is a good bloomer.

87. Jenny Johnson:

Purple and white flower of very large size, stems long. It is a pretty variety.

88. Paul David:

Huge dark carmine flowers on good stems. This is a very good variety.

75c EACH, \$7.50 DOZEN.

CACTUS VARIETIES:

89. Herbert Raby:

A giant, the flowers being among the largest. The florets are narrow, tubular and prettily arranged, often not only incurving, but also twist-

75c EACH, \$7.50 DOZEN

ing like a spinning wheel. Habit particularly good, the plants standing erect, and having stout, wiry flower stems. Color purple crimson throughout.

90. Homer:

Bright maroon, very large, incurved flower, having upright rigid stems of very good length. Very good variety indeed.

91. Magnificent II:

In strong contrast to the incurved varieties this is a flower having perfectly straight florets, the flowers being exceptionally large. Color deep orange. Its great size and striking color, together with its novel form and very full center, makes it a most desirable variety.

92. Mrs. C. Cooper:

In this we have another very large blooming variety. Its exceptional large flowers and its immense length of florets, which are almost straight, places it in a position with the best. Cream lightly suffused salmon.

93. Mrs. Warnaar:

Elegant creamy white flowers, suffused pink. Stems long, bearing large flowers, which are freely produced.

94. Norman:

A seedling from Mary Purrier. It is a very large erect grower, being a beautiful orange-scarlet color, making it a grand flower.

95. Patriot:

A large stiff stemmed scarlet variety, suitable for any purpose. Its habit is of the best and can be highly recommended.

96. R. C. Unwin:

Reddish salmon, suffusing to yellow at the

.75c EACH, \$7.50 DOZEN

base. The plants are of strong growth and the flowers of very large incurved formation.

PEONY-FLOWERED VARIETIES:

97. Old Gold:

Deep golden amber variety, its massive flowers being produced on long, rigid stems. This is an exceptional fine addition to this class.

98. Oriana:

Another very large variety producing its massive bloom on very long, rigid stems. A lovely pure rose color makes it one of the most attractive.

99. Yellow King:

Flowers are very large, stems long, and free flowering. Color, clear yellow. This is an exceptionally fine variety.

DECORATIVE VARIETIES:

100. Futurity:

Pink shaded salmon yellow. Flowers are very large and are freely produced on erect stems.

THE GLADIOLUS

Location, Soil, Preparation Fertilizer, Cultivation, Manure water, Mulching, are the same as for Dahlias.

Planting:

Plant puckered side up from four to six inches deep and four inches each way. For succession of bloom plant from May 1st to July 1st.

Staking:

To stake each Gladiolus would involve considerable labor. Place heavy stakes at each corner and every six feet on the sides of the beds, and by tying heavy cord from one stake to another will prevent them from falling down.

Watering:

Gladioli like water and plenty of it.

Harvesting:

When the foliage has been killed by the frost dig up the bulbs in the morning and allow to cure in sun until evening, care of course being used not to allow them to be touched by frost. Store in a cool, dry place where the thermometer ranges from 40 to 55 degrees. Before storing cut off the foliage about one inch above the bulb.

Cut Flowers:

Cut in the evening if possible. Never cut any of the leaf growth but only the flowering spike, as by cutting the leaf it affects the bulb. Place the spike in a cool dark place during the night, and by taking off the dead flowers each morning

and cutting off part of the stem they will flower until the top bud is reached, which usually takes a week or longer.

General Remarks:

I have tried to make myself as clear as possible, but should there be anything you do not understand would be pleased to receive a letter from you, which will have immediate attention, as I appreciate that upon your success and pleasure depends my success.

GLADIOLI

4c EACH, 40c DOZEN, \$2.50 HUNDRED.

1. America:

Beautiful soft pink tipped with lavender. Flowers large.

2. Baron Hulot:

Royal violet-blue. Flowers of good size on long spike.

3. George Paul:

Clear deep, velvety crimson. Flowers large on long spike.

4. Halley:

Salmon red. Flowers are very large and spike long.

5. Mrs. Francis King:

Light scarlet of a very pleasing shade. Flowers large and spike long.

6 Princeps:

Rich, dazzling scarlet flower of large size, having a white blotch on lower petals.

DAHLIAS — GLADIOLI

6c EACH, 60c DOZEN, \$5.00 HUNDRED.

7. Glory of Holland:

Large white flowers, freely produced on long stems.

8. Lily Lehman:

Ivory white flowers of large size. Somewhat the form of a lily.

9. Willy Wigman:

Creamy white with soft carmine blotch. Flowers very large and spikes long.

9c EACH, 90c DOZEN, \$7.50 HUNDRED

10. Kunderdi Glory:

Creamy pink, with a most attractive crimson spot in center of each lower petal. Flowers are very large, very compact and the edges nicely ruffled.

11. Loveliness:

Fine creamy white flowers with very delicate markings. Flowers very large on very fine spike.

12. Niagara:

Cream shade blending to canary yellow. Flowers are very large and very compact.

13. Panama:

Much deeper pink than America. Flowers large, compact and spikes strong.

14. Peace:

A very beautiful white variety with slight markings. Flowers large on long spike and well arranged.

15c EACH, \$1.50 DOZEN, \$12.00 HUNDRED.

15. Electra:

Orange red. A beautiful color. Flowers large and spike long.

16. Goliath:

Dark violet. Flowers very large, compact and excellent spike.

17. Liebesfeuer:

Bright scarlet with a blotch of salmon pink in the throat. Blossoms large and well opened.

18. Mrs. Frank Pendleton:

Pink variety having crimson blotch. Flowers of good size and formation.

19. Pink Perfection:

Bright pink. Flowers very large, well opened, and the spike is straight and strong.

20. Queen Wilhelmina:

Light pink with red blotch. Flowers very large on long spike.

21. Schwaben:

Finest yellow to date. Flowers large and spike long and strong. Very often five or six flowers are open at one time.

22. War:

Red flower of the largest size. Very good variety having excellent stems and the formation being fine.

Date.....191.....

RICHARD BUYS,**Paterson, N. J.**

Order by No.

Dear Sir:

Please send me the following:

DAHLIAS						GLADIOLI	
No.	Quantity Wanted	No.	Quantity Wanted	No.	Quantity Wanted	No.	Quantity Wanted
1		26		51		76	
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	
6		31		56		81	
7		32		57		82	
8		33		58		83	
9		34		59		84	
10		35		60		85	
11		36		61		86	
12		37		62		87	
13		38		63		88	
14		39		64		89	
15		40		65		90	
16		41		66		91	
17		42		67		92	
18		43		68		93	
19		44		69		94	
20		45		70		95	
21		46		71		96	
22		47		72		97	
23		48		73		98	
24		49		74		99	
25		50		75		100	

NAME.....

STREET.....Ship by.....

CITY OR TOWN.....Amount Enclosed.....

STATE.....



